

Call for paper

1st International Conference on Engineering Applications (ICEA'2024)

OCT. 15-17, 2024, Tajoura, Libya

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The Military Engineering Academy is pleased to announce the organization of the first International Hybrid Conference on Engineering Applications (ICEA'2024). The conference will take place both physically and virtually from October 15 to 17th, 2024, in Tajoura, Libya. ICEA'2024 provides a platform for sharing experiences and advancing new trends and innovations in Computer, Mechanical, Aeronautical, Aerospace, and Civil Engineering, as well as in developing smart, sustainable, and environmentally friendly technologies. Furthermore, ICEA'2024 fosters scholarly and contentious debates and promotes research and innovation from Libya and across the globe. The objective of the Conference is to establish a forum for scholars and practitioners from academia and industry to convene and exchange cutting-edge advancements in the field. The paper deemed the most outstanding will receive an award during the conference's closing session.

Accepted and presented papers will be published in the conference proceedings. Additionally, three papers will be selected from each track for publication in the journal "Scopes", and an award will be given to the best paper from each track.

The format of the paper must be prepared according to the conference template (allotted 8 proceedings pages with the option to pay for up to 2 extra pages). All manuscripts should be written in English.

The authors are invited to submit the full version of their manuscripts online through the conference website at: <https://cmt3.research.microsoft.com/ICEA2024/Submission/Index>.

TOPICS OF INTEREST INCLUDE, BUT NOT LIMITED TO:

Track 1: Computer Engineering (CE)

- Algorithm Design and Analysis
- Artificial Intelligence and Machine Learning
- Databases and Information Retrieval
- Web Development and Software Engineering
- Security and Privacy
- Cloud Computing
- Computer Networks
- Computer Vision
- Natural Language Processing
- High-Performance Computing
- Cyber Security

Track 3: Civil and Structural Engineering (CSE)

- Structural and Construction Engineering
- Geotechnical Engineering
- Hydraulic Engineering
- Coastal Engineering
- Material Quality and Control
- Engineering and Project Management
- Sanitary Engineering
- Surveying and Photogrammetry
- Transportation Engineering
- Environmental and Sustainable Engineering
- New Technology Method and Technique in Civil Engineering

Track 2: Aeronautical and Aerospace Engineering (AAE)

- Aerodynamics and Flight Mechanics
- Engines and Propulsion systems
- Guidance, Navigation and Control systems
- Structural Dynamics and Aero elasticity
- Structures and aircraft design
- Computational Fluid Dynamics
- Computational Solid Mechanics
- Production and material technology
- Avionics, Radar and communication systems
- UAV/MAV and Technologies
- Spacecraft Subsystems
- Spacecraft Design and Technology
- Spacecraft Software Development and Modelling
- Spacecraft Communication Technique
- Spacecraft Dynamics and Control

Track 4: Mechanical and manufacturing Engineering (MME)

- Applied Mechanics
- Manufacturing Engineering
- Materials Science
- Mechanical Power Engineering
- Control Systems
- Renewable Energy Engineering
- Biomechanics

Important Dates:

Paper Submission Deadline: Aug, 15th, 2024

Acceptance Notification: Aug, 30th 2024

Authors Registration: Sept., 15th, 2024

Final Paper Submission: Sept., 20th, 2024

Conference Date: Oct., 15-17, 2024

Email: info@icea.ly

